

General Environmental Incident Summary

Incident: 3199 **Date/Time Notice:** 2/12/2014 **DEM Incident No:**
Responsible Party: Burke Divide Electric Cooperative
Date Incident: 2/9/2014 **Time Incident:** 0540 **Duration:** 1 hours
County: Divide **Twp:** 162 **Rng:** 97 **Sec:** 18 **Qtr:** SE SE SE
Lat: 48.85084 **Long:** -103.24620 **Method:** Interpolation from map
Location Description: 11905 99th St NW, Crosby ND 58730, Northwest corner of intersection of ND Highway 42 and 99th Street NW

Submitted By: Jerry King **Affiliation:**
Address: 9549 Hwy 5
City: Columbus **State:** ND **Zip:**

Received By:

Contact Person: Jerry King
9549 Hwy 5
Columbus, ND 58727

Distance Nearest Occupied Building: 1 Miles

Type of Incident: Electrical Substation Failure

Description of Released Contaminant: Non PCB Mineral Oil

Volume Spilled: 500.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: Unknown

Cause of Incident:

Electrical Fault caused electrical fire and spill of non pcb mineral oil

Risk Evaluation:

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 03 - soil

Potential Environmental Impacts:

Action Taken or Planned:

Burme built around spill area. Currently under investigation and Substation is sealed.

Wastes Disposal Location: After the investigation is concluded. Date unknown at this time.

Agencies Involved: Local Fire Department

Updates

Date: 2/14/2014 **Status:** Reviewed - Assigned to NDDoH Division

Author: O'Gorman, Brian

Updated Volume:

Notes:

Received a phone call from the Emergency Preparedness and Response Team at 15:05 CT, 2/11/14, reporting a non-PCB release from a substation owned by Burke-Divide Electric Coop. Followed up with a phone call to the representative of BDEC and was informed that the release occurred on 2/9/14 and was caused by a fire at the substation which ignited a large portion of the mineral oil during the fire. The representative thought the remaining product covered approximately a 20-foot by 20-foot area on the substation site and did not pose any threat to areas beyond its property. The release was currently being left in place until insurance personnel could arrive on site and investigate the accident. I also spoke with the BDEC maintenance supervisor to suggest placing a berm around the product so the release could not migrate. The supervisor agreed and planned on placing a berm around the release and adding absorbent booms for further protection. Followup was forwarded to Waste Management.

Date: 2/14/2014 **Status:** Reviewed - Follow-up Required

Author: Tintes Schiwal, Emily

Updated Volume:

Notes:

I contacted the company contact at Burke Divide to get more information regarding PCB status and cleanup/disposal information. The cause of the substation fire is not known at this time, so BDEC's insurance company has locked down the site and is sending investigators. In the meantime, a trench was dug surrounding the entire substation, and absorbent socks were placed in it to collect any potential mineral oil that may be left. Most of the oil was burned in the fire. The substation has white rock on the ground which is stained with oil about 30 feet out from the equipment. BDEC does not believe that any oil migrated off of the substation property. The substation was erected only five months ago and all equipment was new at that time. BDEC will be sending me spec sheets for the equipment as to show non-PCB status. It is still unknown at this time where the soil, rock, and absorbents will be disposed of, so I will follow up with BDEC after its investigation is complete.

Date: 8/20/2014 **Status:** Reviewed - No Action Required

Author: Tintes Schiwal, Emily

Updated Volume:

Notes:

We received the final disposal manifest from Burke Divide Electric Cooperative regarding final disposition of the contaminated materials. All materials were disposed of at Indian Hills Disposal in June. According to the company representative, everything is cleaned up, and a new, identical substation is almost completed.